

CITY OF CREVE COEUR SWIMMING POOL CHECKLIST



Based upon the following Codes and Ordinances:

- (B) 2009 International Residential Code Building Code (Creve Coeur Ordinance No. 5312).
- (E) 2009 National Electric Code (enforced by St. Louis County)

Questions regarding this checklist or swimming pool / hot tub permitting can be directed to the Senior Plans Examiner, Brad Holmes, at 314-442-2077 or Bholmes@ci.creve-coeur.mo.us.

Address : _____ Date _____

Above Ground _____ In Ground _____ Hot Tub _____

SHEET INDEX

- | | |
|---|---|
| <p>_____ Site Plan</p> <p>_____ Grading plan</p> <p>_____ Piping Schematic</p> <p>_____ Barrier Details</p> | <p>_____ Site Coverage Calculations</p> <p>_____ Structural Design Details</p> <p>_____ Trustee Approval on plans</p> <p>_____ General Notes / Specifications</p> |
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ADMINISTRATION

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|-------|--------|--|
| _____ | R106.1 | Signed and sealed construction documents required |
| _____ | Policy | Obtain "pool clearance letter" from Ameren UE.
Ameren UE Construction Hotline 1-866-992-6619. |

SITE PLAN

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| <p>_____ Show all property lines</p> <p>_____ Show all easements</p> <p>_____ Show distance from pool to property lines; 15 feet min.
Distance from pool deck to property line; 10 feet min.</p> <p>_____ Show pool enclosure / fence
Show siltation control fence</p> <p>_____ Show temporary barrier around construction site</p> | <p>_____ Show all structures</p> <p>_____ Show pool / equipment</p> <p>_____ Pool structure and pool deck can not be located in an easement</p> <p>_____ Provide a site coverage calculation</p> <p>_____ Show direction of water flow and Add a note that allows the Creve Coeur grading inspector to request minor changes to the drainage pattern.</p> <p>_____ Pool equipment to be fenced to prevent access by children</p> |
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STRUCTURAL DESIGN

_____ Show foundation / structural wall section / reinforcement.

_____ Show cross sections through pool indicating the slope of the side walls and floor and water depth.

_____ Show details of all ladders, steps, lights, diving board, gutters, curbs, etc.

_____ Show details of all water supply systems, skimmers, pumps, filters, heaters etc.

_____ Provide the maximum flow rate of the drain covers as compared to the maximum flow rate of the suction side of the system. Drain covers shall be VGBA compliant.

_____ Two (2) main drains are required and shall be set at least 3 feet apart.

_____ Heated pools are required to have vapor retardant pool covers at the water surface. Pools heated to more than 90 degrees shall have pool covers with an R-2 insulation value. N1103.8.3

_____ Pool Heater controls – all pool heaters shall have a readily accessible on-off switch to allow shutting off the heater without adjusting the thermostat setting. Pool heaters fired by natural gas or LP shall not have continuously burning pilot lights. Time switches that can turn the heater on and off according to a pre-set schedule shall be installed. N1103.8.1 and N1103.8.2

POOL ENCLOSURE

_____ Show enlarged detail of fencing with dimensions between all horizontal and vertical members.

_____ Doors with direct access to the pool through the wall of a dwelling unit that serves as part of the pool barrier shall be equipped with alarms complying with UL 2017.

_____ Gates are to be self-closing, self-latching, swing out away from pool, have locking mechanism located no less than 54” from the bottom of the gate.

_____ Pool enclosure fence shall be located to enclose ONLY the immediate pool area. Other yard areas shall not be within the pool enclosure.

_____ Separate fence permit shall be issued (if pool barrier is shown to be “by others.”). Pool permit shall not be issued until the fence permit has been issued.

_____ Show the 4 foot CLEAR ZONE between the barrier and any permanent structures or pool/mechanical equipment located outside of the pool/hot tub area that could be used to climb the barrier.

_____ Provide digital photographs of the street, curb and sidewalk where equipment and trucks are likely to leave the roadway to access the job site.

_____ Provide digital photographs of the project area showing that the siltation control fencing and orange safety fencing is in place prior to excavation. Creating a hazardous excavation prior to obtaining the permit will result in a **\$500.00 penalty**.